PTO-1390 (Rev. 02-2005) Approved for use through 3/31/2007. OMB 0851-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| TRANSMITTAL LETTER T | ATTORNEY'S DOCKET NUMBER 2017-105 | | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--|--|--|--|--|--|--|--|--|
| DESIGNATED/ELECTED | | U.S. APPLICATION NO. (if known, see 37 CFR 1.5) | | | | | | | | | |
| INTERNATIONAL APPLICATION NO. | INTERNATIONAL FILING DATE | PRIORITY DATE CLAIMED | | | | | | | | | |
| PCT/KR2005/000617 TITLE OF INVENTION | March 4, 2005 | March 5, 2004 | | | | | | | | | |
| DATA COPY DEVICE | | | | | | | | | | | |
| APPLICANT(S) FOR DO/EO/US SEONG, Goan-Soo | | | | | | | | | | | |
| Applicant herewith submits to the United S | States Designated/Elected Office (DO/E | O/US) the following items and other information: | | | | | | | | | |
| This is a FIRST submission of items | concerning a submission under 35 U.S.C. 37 | 1. | | | | | | | | | |
| 2. This is a SECOND or SUBSEQUENT | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. | | | | | | | | | | |
| This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. | | | | | | | | | | | |
| 4. The US has been elected (Article 31) | l. | | | | | | | | | | |
| 5. A copy of the International Applicat | ion as filed (35 U.S.C. 371(c)(2)) | | | | | | | | | | |
| a. is attached hereto (requir | ed only if not communicated by the Internation | nal Bureau). | | | | | | | | | |
| b. has been communicated | by the International Bureau. | | | | | | | | | | |
| c. is not required, as the ap | plication was filed in the United States Received | ring Office (RO/US). | | | | | | | | | |
| 6. An English language translation of | the International Application as filed (35 U.S. | C. 371(c)(2)). | | | | | | | | | |
| a. is attached hereto. | | | | | | | | | | | |
| b. As been previously sub- | mitted under 35 U.S.C. 154(d)(4). | | | | | | | | | | |
| 7. Amendments to the claims of the I | nternational Application under PCT Article 19 | (35 U.S.C. 371(c)(3)) | | | | | | | | | |
| a. are attached hereto (rec | uired only if not communicated by the Interna | ational Bureau). | | | | | | | | | |
| b. have been communicate | ed by the International Bureau. | | | | | | | | | | |
| c. have not been made; ho | owever, the time limit for making such amend | ments has NOT expired. | | | | | | | | | |
| d. have not been made an | d will not be made. | | | | | | | | | | |
| 8. An English language translation of | the amendments to the claims under PCT A | rticle 19 (35 U.S.C. 371(c)(3)). | | | | | | | | | |
| An oath or declaration of the invent | tor(s) (35 U.S.C. 371(c)(4)). | | | | | | | | | | |
| An English language translation of Article 36 (35 U.S.C. 371(c)(5)). | the annexes of the International Preliminary | Examination Report under PCT | | | | | | | | | |
| Items 11 to 20 below concern documen | t(s) or information included: | | | | | | | | | | |
| 11. An Information Disclosure Stateme | nt under 37 CFR 1.97 and 1.98. | | | | | | | | | | |
| ` | An assignment document for recording, A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | | | | | | | | |
| 13. A preliminary amendment. | | | | | | | | | | | |
| 14. An Application Data Sheet under 3 | 7 CFR 1.76. | | | | | | | | | | |
| 15. A substitute specification. | | | | | | | | | | | |
| 16. A power of attorney and/or change | of address letter | | | | | | | | | | |
| _ | equence listing in accordance with PCT Rule | 13ter.2 and 37 CFR 1.821- 1.825 | | | | | | | | | |
| 18. A second copy of the published Int | ernational Application under 35 U.S.C. 154(d |)(4). | | | | | | | | | |
| | uage translation of the international application | n under 35 U.S.C. 154(d)(4). | | | | | | | | | |
| 20. Other items or information: Non F | ublication Request | | | | | | | | | | |

The collection of Primitisms or sequence by 3° CPR 1.141 and 1.482. This information is required to obtain or retain a benefit by the public, which is to file (and by the file collection) of Primitisms or sequence by 3° CPR 1.141 and 1.482. This independent is required to obtain or retain a benefit by the public, which is to file (and by the file collection) and the public collection is earliered to be the file minutes to complete in the file of the public collection is public collection. The public collection is earliered to the file collection is public collection. The public collection is earliered to the file collection is public collection. The public collection is public collection. The public collection is complete the file of management of the information of Collection. U.S. Peters and reduced management of Commissioner for Placetins, P.O. Sex 1450, Alexandrica, VA. 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT. Department of Commissioner for Placetins, P.O. Sex 1450, Alexandrica, VA. 22313-1450.

| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONA PCT/KR2005 | | | | | ION NO. | | 2017-105 | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------|---------------------------|-----------|---------------------------------|-----------------|--|
| The following fees have been submitted | | | | | | CALCULATIONS PTO USE ONLY | | | | |
| | | | | | | . \$300 | \$ | 300.00 | | |
| Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) | | | | | | | s | 200.00 | | |
| Search fee (37 Cl Internation International Sea | nal Searching Aut rch Report prepar | hority ed and | provided | the international application to the Office. | | \$100 . \$400 | s | 400.00 | | |
| | TOTAL OF 21, 2: | 2 and 2 | 3 = | | | | \$ | 900.00 | | |
| Additional fee sequence lis | e for specification sting or computer | and dra program | wings file Isting file | ed in paper over 100 sheets led in an electronic medium of paper or fraction thereof. | (excluding | | | | | |
| Total Sheets | Extra Sheets | Numb there | Number of each additional 50 or fraction RATE thereof (round up to a whole number) | | | | | | | |
| - 100 = | /50 = | | | | x \$2 | 50 | \$ | 0.00 | | |
| Surcharge of \$130.00 for furnishing the eath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)). | | | | | | | s | 0.00 | | |
| CLAIMS | NUME | BER FILI | ED | NUMBER EXTRA | | RATE | ø | | | |
| Total claims | | 10 | - 20 = | | × | \$ 50 | 5 | 0.00 | | |
| Independent clair | ns | 2 | - 3 = | | × | \$200 | \$ | 0.00 | | |
| MULTIPLE DEPE | ENDENT CLAIM(| S) (if app | plicable) | | + | \$360 | 69 | 0.00 | | |
| | | | | TOTAL OF ABO | | | 69 | 900.00 | | |
| Applicant cla | ims small entity s | tatus. S | ee 37 CF | R 1.27. Fees above are re- | luced by ? | | | | | |
| SUBTOTAL = | | | | | | | \$ | 450.00 | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). + | | | | | | \$ 0.00 | | | | |
| TOTAL NATIONAL FEE = | | | | | | \$ 450.00 | | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | | | \$ 00.00 | | | | |
| | | | | TOTAL | FEES E | NCLOSED = | \$ 450.00 | | | |
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| | | | | | | | Ап | unded: lount to be arged: | s | |
| a. A check | k in the amount o | f \$ | | to cover the | above fees | is enclosed. | | | | |
| b. Please A dupli- | charge my Depo cate copy of this | sit Acco sheet is | unt No enclosed | in the amount | of \$ | to co | ver t | he above fees. | | |
| c. The Cor | mmissioner is her t No50-3566 | eby auti A du | horized to plicate co | o charge any additional fees | which ma | y be required, | or cr | edit any overpayme | nt to Deposit | |
| d. Fees an | e to be charged to | a cred | lit card. Wilder | /ARNING: Information on the | is form ma | y become pub PTO-2038. | olic. C | Credit card informa | tion should not | |
| NOTE: Where ar | appropriate timestore the interr | e limit ational | under 37 Applica | CFR 1.495 has not been tion to pending status. | net, a pet | ition to revive | (37 | CFR 1.137(a) or (b) |) must be filed | |
| SEND ALL CORRESPONDENCE TO: /James E. | | | | | | | | Bame/ 8/23/06 | | |
| IPLA P.A. | |] [| | | | SIGNATURE | | | | |
| | 3580 Wilshire Blvd or Customer No: 52,706 James E. Bame | | | | | | | | | |
| 17th Floor Los Angeles, CA 90010 44,521 | | | | | | | | | | |
| | REGISTRATION NUMBER | | | | | | | | | |